

	Search Text	DBs
7	("5367195" "5420073" "5483105" "5505367" "5529682" "5565385" "5567655" "5620131" "5672913" "5806753" "5868304" "5873512" "6040618" "6048753" "6070782" "6078028" "6091140" "6130479" "6133065" "6169329" "6229200" "6242281" "4254448" "4361862" "4592617" "4872261" "4926022" "4963523" "4970365" "4999699" "5023202" "5219117"	USPAT
8	((174/250) or (174/255) or (174/260) or (174/256) or (174/261) or (361/772) or (361/774) or (361/792) or (361/795) or (361/807) or (257/778)).CCLS.	USPAT
9	("7 and ((pad) with (groove or channel or recess)))".PN.	USPAT
10	(((174/250) or (174/255) or (174/260) or (174/256) or (174/261) or (361/772) or (361/774) or (361/792) or (361/795) or (361/807) or (257/778)).CCLS.) and ((pad) with (groove or channel or recess))	USPAT

	Search Text	DBs
11	((((174/250) or (174/255) or (174/260) or (174/256) or (174/261) or (361/772) or (361/774) or (361/792) or (361/795) or (361/807) or (257/778)).CCLS.) and ((pad) same (groove or channel or recess)))	USPAT
12	(((((174/250) or (174/255) or (174/260) or (174/256) or (174/261) or (361/772) or (361/774) or (361/792) or (361/795) or (361/807) or (257/778)).CCLS.) and ((pad) same (groove or channel or recess))) not (((174/250) or (174/255) or (174/260) or (174/256) or (174/261) or (361/772) or (361/774) or (361/792) or (361/795) or (361/807) or (257/778)).CCLS.) and ((pad) with (groove or channel or recess)))	USPAT
13	174/\$.ccls.	USPAT
14	257/\$.ccls.	USPAT
15	29/\$.ccls.	USPAT
16	h05k001/00	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
17	174/\$.ccls. or 257/\$.ccls. or 29/\$.ccls. or h05k001/00	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
18	(174/\$.ccls. or 257/\$.ccls. or 29/\$.ccls. or h05k001/00) and ((pad) with (groove or channel or recess))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
19	((174/\$.ccls. or 257/\$.ccls. or 29/\$.ccls. or h05k001/00) and ((pad) with (groove or channel or recess))) and solder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
20	(((((174/\$.ccls. or 257/\$.ccls. or 29/\$.ccls. or h05k001/00) and ((pad) with (groove or channel or recess))) and solder) not (((174/250) or (174/255) or (174/260) or (174/256) or (174/261) or (361/772) or (361/774) or (361/792) or (361/795) or (361/807) or (257/778)).CCLS.) and ((pad) with (groove or channel or recess)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Search Text	DBs
21	(((174/\$.ccls. or 257/\$.ccls. or 29/\$.ccls. or h05k001/00) and ((pad) with (groove or channel or recess))) and solder) not (((174/250) or (174/255) or (174/260) or (174/256) or (174/261) or (361/772) or (361/774) or (361/792) or (361/795) or (361/807) or (257/778)).CCLS.) and ((pad) with (groove or channel or recess))) not (((174/250) or (174/255) or (174/260) or (174/256) or (174/261) or (361/772) or (361/774) or (361/792) or (361/795) or (361/807) or (257/778)).CCLS.) and ((pad) same (groove or channel or recess))) not (((174/250) or (174/255) or (174/260) or (174/256) or (174/261) or (361/772) or (361/774) or (361/792) or (361/795) or (361/807) or (257/778)).CCLS.) and ((pad) with (groove or channel or recess)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
22	(174/250).CCLS.	USPAT
23	(die adj bond) with (outgas)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
24	(die adj bond) with (channel or groove or grooves or channels or slot or slots)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
25	(die near3 attachment near3 region) with (channel or groove or grooves or channels or slot or slots)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
26	(die adj bond) with (outgassing)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
27	(die adj bond) same (outgas or outgassing)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
28	(die near3 attach) with (channel or groove or grooves or channels or slot or slots)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Search Text	DBs
29	((die near3 attach) with (channel or groove or grooves or channels or slot or slots)) not ((die adj bond) with (channel or groove or grooves or channels or slot or slots))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
30	("((pad) with (groove or channel or recess))").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
31	((pad) with (groove or channel or recess or slot))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
32	((((pad) with (groove or channel or recess or slot))) and (multi-pin or multipin or multi adj pin))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
33	((((pad) with (groove or channel or recess or slot))) and (outgas or outgassing))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
34	(((((pad) with (groove or channel or recess or slot))) and (outgas or outgassing)) not (((pad) with (groove or channel or recess or slot))) and (multi-pin or multipin or multi adj pin))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
35	((((pad) with (groove or channel or recess or slot))) and (solder))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
36	(((((pad) with (groove or channel or recess or slot))) and (solder)) and (die with bond))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
37	((((pad) with (groove or channel or recess or slot))) and ((die near3 attachment near3 region) with (channel or groove or grooves or channels or slot or slots)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
38	(((((pad) with (groove or channel or recess or slot))) and ((die near3 attach) with (channel or groove or grooves or channels or slot or slots)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
39	(((((pad) with (groove or channel or recess or slot))) and ((die near3 bond) with (channel or groove or grooves or channels or slot or slots)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Search Text	DBs
40	(((((pad) with (groove or channel or recess or slot))) and ((die near3 bond) with (channel or groove or grooves or channels or slot or slots))) not (((pad) with (groove or channel or recess or slot))) and ((die near3 attach) with (channel or groove or grooves or channels or slot or slots)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
41	("3566005" "5311405" "5414222" "5453581" "5683788" "5706178" "5875102" "6091155" "6115262" "6168854" "6169253" "6192580" "6288906" "6346679").PN.	USPAT
42	6566611.URPN.	USPAT
43	("4442966" "4818823" "4836435" "5241134" "5344343" "5446244" "5519251" "5545589" "5628919" "5823801" "5828128" "5879206" "5889657" "6005290" "6040626" "6083666" "6137063" "6324754").PN.	USPAT
44	("4413309" "4758459" "4851966" "4854040" "5172852" "5203077" "5726861" "5729438" "5742483" "5804873" "5973932" "6115262" "6133134" "6169253").PN.	USPAT
45	("4442966" "5241134" "5344343" "5519251" "5545589" "5628919" "5823801" "5828128" "5879206" "6040626").PN.	USPAT
46	6246587.URPN.	USPAT
47	("5077632" "5410449" "5480835" "6034332" "6087596" "6241533" "6246587").PN.	USPAT
48	6362435.URPN.	USPAT
49	6246587.URPN.	USPAT
50	6362435.URPN.	USPAT
51	("4578573" "4595945" "4714952" "5229846" "5258648" "5285352" "5355283" "5389817" "5468999" "5474958").PN.	USPAT
52	5825628.URPN.	USPAT
53	5126820.URPN.	USPAT
54	"4211354".PN.	USPAT
55	5075254.URPN.	USPAT

	Search Text	DBs
56	("3284176" "3718107" "3740619" "3823772" "3896479" "4204628" "4211354" "4257156" "4281941" "4315591" "4320412" "4445271" "4451973" "4572757" "4589010").PN.	USPAT
57	4952999.URPN.	USPAT
58	((("5545589") or ("6362435") or ("5285352") or ("6197615") or ("5818103"))).PN.	USPAT